

**AMENDMENTS TO THE SPECIFICATION**

**Please replace paragraph no. [0035] with the following amended paragraph:**

[0035] One exemplary implementation of the present invention provides a boundary-scan device. The boundary-scan device ~~to a macro~~, comprises:

    a plurality of signal paths connected to ~~a~~ the macro, each having a data signal input end and a data signal output end for signal transmission during normal mode operations; and  
    a plurality of ~~circuitries~~ circuits for said plurality of signal paths, respectively, each having capability of capturing a signal transmission event that a signal has past through one of said plurality of signal paths during test mode operations.